

CLAIMS

What is claimed is:

1. A system, comprising:
 - one or more log controllers to receive one or more messages from an application wherein each of the log controllers is a Java class that includes one or more subclasses or modules selected from a group comprising a category subclass to generate trace messages and a location subclass to generate trace messages;
 - a log manager coupled to the log controllers to manage the log controllers; and
 - one or more logs to which the received messages are forwarded.
2. The system of claim 1, wherein the log manager is part of a kernel of a Java 2 Enterprise Edition (J2EE) Engine.
3. The system of claim 1, wherein the log manager configures a plurality of logging routines for a kernel.
4. The system of claim 1, wherein the log manager provides support for storing system critical logs in a database.
5. The system of claim 1, further including a formatter coupled to each of the logs to format the received message prior to publication.
6. The system of claim 6, wherein the formatter includes one or more

subclasses or modules selected from a group comprising a list formatter, a trace formatter, and an XML formatter.

7. The system of claim 1, wherein each of the logs include one or more subclasses or modules selected from a group comprising a stream log, a file log, and a console log.
8. The system of claim 9, wherein one or more of the file log and console log are subclasses of the stream log.
9. The system of claim 1, wherein the message includes severity information corresponding to that message.
10. The system of claim 9, wherein the severity information includes at least one severity selected from a list comprising debug, path, info, warning, error, fatal, and none.
11. The system of claim 9, wherein the severity information is inherited.
12. The system of claim 11, wherein the inherited severity is restricted.